











## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	 67	rijndael and (SBOX or s-box)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 16:57
L2	 43	1 and register	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 16:49
L3	 143	AES and (SBOX or s-box)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 16:57
L4	 93	3 and register	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 16:57
L5	 82	4 and table	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 17:00
L6	633	AES.ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 17:00
L7	 14	5 and 6	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 17:06
L8	3096028	predetermined	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 17:06

## EAST Search History

L9	7027	8 and AES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 17:06
L10	7081	8 and (AES or rijndael)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 17:06
L11	<i>M</i> 58	10 and (Sbox or S-box)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 17:06
L12	3103	10 and table	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 17:06
L13	37386	predetermined same round	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 17:07
L14	<i>M</i> 80	12 and 13	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 17:07
L15	<i>M</i> 46	14 and register	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 18:05
L16	<i>M</i> 1	("20030133568").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/01 18:05
L17	<i>M</i> 1	16 and final	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 18:05






## EAST Search History

S1	23326	AES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:12
S2	1493	advanced adj encryption adj standard	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:13
S3	499250	DES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:13
S4	 228	digital adj encryption adj standard	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:13
S5	 149	SBOX	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:13
S6	524045	diffusion or diffuse	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:24
S7	 60	S5 and S3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:14
S8	 37	S5 and S1	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:16
S9	1273	(380/28).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/31 23:16






## EAST Search History

S10	<i>21</i> 361	(380/29).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/31 23:16
S11	<i>m</i> 295	(380/239).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/31 23:18
S12	<i>m</i> 114	(380/265).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/31 23:18
S13	504	(380/37).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/31 23:19
S14	<i>m</i> 99	key adj data adj block	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:19
S15	<i>m</i> 11	looping same AES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:19
S16	1261	looping and DES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:19
S17	<i>m</i> 195	looping same DES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:19
S18	3497	looping adj back	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:21
S19	97339	shift adj register	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:21

## EAST Search History

S20	 404	S19 and S1	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:21
S21	 215	S20 and table	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:22
S22	 38	linear adj substitution	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:23
S23	607	subkey	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:23
S24	 298	sub-key	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:23
S25	 43	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/01 16:49
S26	862	S23 or S24	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:24
S27	0	S26 and substitutio	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:24

## EAST Search History

S28	296 	S26 and substitution	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:24
S29	197 	S6 and S28	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:24
S30	172 	S29 and looping	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:26
S31	643 	(713/150).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/31 23:26
S32	149 	S31 and (aes or des)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 23:26